

Data sheet for three-phase Squirrel-Cage-Motors ABB

Motor type:	FS: 286T - p - 20 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Electrical data	
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[illegible]

Frame Type: 286T	Type of constr.:		Motor Prot.:	NEMA Des.:	S.F.: 1.15
Mtr. WT: lbs	Insulation Class.:Standard Class F Insulation	Temp. Rise Cl.: B	Amb. Temp.: + 40 to -20 °C @1000 m	kVA:	IP 54

Mechanical data

Sound level (SPL / SWL) at 60 Hz				dB(A) / dB(A)			
Octave Band Center Frequencies Hertz							
250	500	1000	2000	4000	8000	Hz	
SPL@3				dB(A)			
Moment of inertia				Lb-ft²			
Ext Load Inertia Capability:				Lb ft²			
Bearings							
Bearing DE NDE							
Bearing_Type				Ball Bearing			
AFBMA:							
Grease							
Capacity				oz		oz	
Grease Type:							
Thickener							
Safe Stall Time Hot						s	
Safe Stall Time Cold						s	
Frame material							
Color, paint shade						Standard Paint - RAL7030	
Coating (paint finish)						Standard Alkyed + Epoxy (C2)	
Ventilation Type							
Method of cooling							
Direction of rotation							
Fan Material							
VFD						CT: VT:	
Space heaters						-/-	
Brake:						-/-	


Terminal box

Lead Wire Connection					Terminal box position
Voltage	L1	L2	L3	Connected together	Material of terminal box
					Cable entry
					-/-

Notes:


I_{r}/I_{N} = locked rotor current / current nominal M_{r}/M_{N} = locked rotor torque / torque nominal M_{b}/M_{N} = break down torque / nominal torque	3) Value is valid only for DOL operation with motor design IC411 2) at rated power / at full load
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Responsible department IN LVM	Technical reference	Created by SPC	Approved by	<i>Technical data are subject to change! There may be discrepancies</i>
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Main terminal diagram

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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		Link documents	
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